

# EUROPEAN PATENT OFFICE

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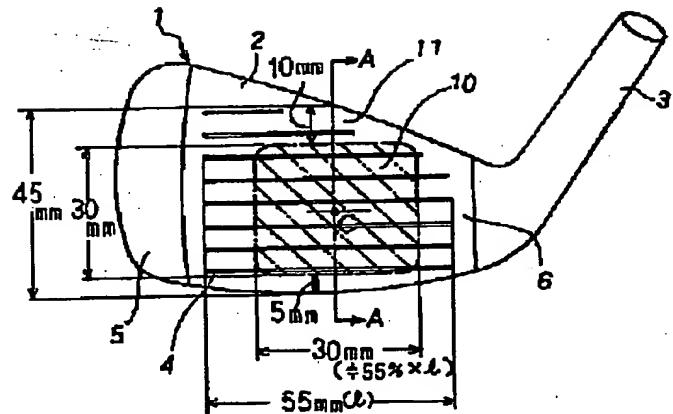
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INVENTOR : NISHITANI MASASHI;

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TITLE : GOLF CLUB HEAD



**ABSTRACT :** PROBLEM TO BE SOLVED: To improve a carry and directivity of a hit ball with a golf club head consisting of material of the same kind or same system over the entire area of a clubface by variously varying the bending rigidity of the material so as to satisfy a specific numerical value relation in the central region and peripheral region of the clubface.

SOLUTION: The central region 10 in the clubface 2 of, for example, an iron cast of, for example, soft iron of the same kind over the entire part consisting of the head body 1 inclusive of the clubface 2 and a hosel 3 is formed by forging of, for example, 5 times and the peripheral region 11 exclusive of this central region 10 is formed by forging of two times. When the bending rigidity of the peripheral region 11 is set at 100% in index designation by a difference in respective forging times, the bending rigidity of the central region 10 is set as large as 110 to 150%. As a result, the hitting feel at the time of impact is transmitted as a sure response to a player by the central region 10 having the large bending rigidity and the carry of the hit ball is prolonged by the elastic restitutive force of the peripheral region 11 having the small bending rigidity.

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